



## U.S. Customs and Border Protection

### *Interceptor Class 43-Foot ACTD*

# FACT SHEET



The Office of Air and Marine (OAM) relies on specialized, flexible systems to remain ahead of a highly adaptive threat. A leader in leveraging existing and emerging technologies for use in homeland security missions, OAM uses an Advanced Concept Technology Demonstrator (ACTD) vessel to aid in the development of future Interceptor vessel class requirements, and further its exploration of new marine interdiction tactics, tools, and techniques.

The ACTD incorporates several enhancements to operator safety. This vessel also provides Marine Interdiction Agents with additional speed and greater range. Equipped with the latest advancements in communications and sensor technology, the ACTD allows for better situational awareness, information-sharing, decision-making, and coordination which are all critical to the success of OAM operations.

The ACTD development team rigorously tested the vessel through mission specific scenarios, including interdiction, special operations support, tactical team movements, and port security support. The results of these tests will allow OAM to continue to overcome maritime threats to national security, expand maritime support in investigations, and participate in the development and maintenance of an effective homeland security intelligence system.

#### **Performance and Weights:**

- **Maximum Speed**  
65 knots (74 mph)
- **Range**  
400 nautical miles (460 miles)
- **Endurance**  
10 hours
- **Length**  
43 feet
- **Maximum Gross Weight**  
22,000 pounds

#### **Features:**

- 4 X 350 hp Mercury Verado Outboard Engines
- Long Range Communications
- Forward Looking Infrared Radar and electro-optical/infrared sensors
- Two MK48 (7.62mm) light machine guns, located port and starboard
- Shock-mitigating seats